

OCMIS R3-33/1150T

Turbine Drive Hose Reel Irrigator

3.3" ID x 1150 Ft. PE Tube

Ranger Sprinkler

Standard Features



- Turbine drive with gearbox power transmission to drive reel.
- No belts or pulleys!
- Crossover inlet pipe
- Galvanized steel chassis and turret
- Reel coated by epoxy resin and painted with polyurethane paint
- Galvanized steel sprinkler cart with pneumatic tires
- Crank down stabilizers
- Mechanical sprinkler cart lift
- PTO rewind
- Tachometer speed readout
- Sime Ranger sprinkler with 4 nozzles
- 20 ft. supply hose

Performance Guide

Nozzle Size	Nozzle Flowrate (gpm)	System Pressure ¹ (psi)	Nozzle Pressure (psi)	Wetted Diameter (ft)	Irr. Width (ft)	Irr. Length (ft)	Irr. Area per Pull (ac)	Required Reel Speed (ft/hr) for Given Depth (in)		
								0.50	1.00	1.50
24 mm, 0.94 in	177	79	50	271	190	1218	5.3	179	89	60
	193	93	60	290	205	1223	5.8	182	91	61
	209	107	70	310	220	1228	6.2	183	91	61
26 mm, 1.02 in	207	86	50	284	200	1221	5.6	200	100	67
	227	101	60	305	215	1226	6.1	203	102	68
	245	116	70	325	230	1231	6.5	205	103	68
28 mm, 1.10 in	240	95	50	300	215	1225	6.0	215	108	72
	263	111	60	319	225	1230	6.4	225	113	75
	285	127	70	337	240	1234	6.8	228	114	76
30 mm, 1.18 in	276	105	50	314	220	1229	6.2	242	121	81
	303	123	60	331	235	1233	6.7	248	124	83
	327	140	70	348	245	1237	7.0	257	128	86

¹ System pressure is the pressure required at the machine inlet. It includes the allowances for the sprinkler, PE tube, machine plumbing, and drive friction losses. It does not include any allowances for field elevation differences or supply line pressure losses.

Performance guide is from calculated data; actual field performance may vary depending on pressure, terrain, wind, and field conditions.



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